

C.O.C. #57

CHAIN OF CUSTODY REPORT

Work Order #: M106013

CLIENT: Bristol			INVOICE TO: Bristol										TURNAROUND REQUEST in Business Days* Organic & Inorganic Analyses <div style="display: flex; justify-content: space-around;"> <div>10</div><div>7</div><div>5</div><div>4</div><div>3</div><div>2</div><div>1</div><div><1</div> </div> STD. Petroleum Hydrocarbon Analyses <div style="display: flex; justify-content: space-around;"> <div>5</div><div>4</div><div>3</div><div>2</div><div>1</div><div><1</div> </div> STD. OTHER Please Specify _____ <small>*Turnaround Requests less than standard may incur Rush Charges.</small>																		
REPORT TO: Anne Kramm we Hec			P.O. NUMBER: 21090 <div style="text-align: center;">REQUESTED ANALYSES</div> <table border="1" style="width:100%; height: 150px; border-collapse: collapse;"> <tr><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;"> </td><td style="width: 20px;"> </td></tr> </table>																												
ADDRESS: Anclitha Island, AK			PHONE: 770-0974			FAX: 770-0975																									
PROJECT NAME: Anclitha																															
PROJECT NUMBER: 21090																															
SAMPLED BY: ARK/ukm																															
CLIENT SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	HCTD																MATRIX (W, S, O)	# OF CONT.	COMMENTS	NCA WO ID										
1. OIAMAS04SL	6/6/01 1505	X																	S	1											
2. OIAMAS05SL	6/6/01 1510	X																	S	1											
3. OIAMAS06SL	6/6/01 1520	X																	S	1											
4.																															
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15.																															

RELINQUISHED BY: <i>Charles Marshall</i>	DATE: 6/6/01	RECEIVED BY: <i>Craig Bralle</i>	DATE: 6/6/01
PRINT NAME: Charles Marshall	TIME: 18:04	PRINT NAME: <i>Craig Bralle</i>	TIME: 18:04
RELINQUISHED BY:	DATE:	RECEIVED BY:	DATE:
PRINT NAME:	TIME:	PRINT NAME:	TIME:

ADDITIONAL REMARKS:	TEMP:	PAGE 1 OF 1
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Seattle 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-9223
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503.906.9200 fax 503.906.9210
Bend 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
541.383.9310 fax 541.382.7588

6 December, 2001

Anne Kranawetter
Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

RE: Amchitka

Enclosed are the results of analyses for samples received by the laboratory on 06/06/01 18:04. If you have any questions concerning this report, please feel free to contact me.

This report was recreated from a previously issued final report in order to provide an electronic copy. The final report used for these electronic copies may have been previously issued as an amended report due to client requested changes to sample names, etc. No data has changed since submission of the previously issued final, or amended, report.

Sincerely,

Stephen Wilson
Environmental Group Leader

Work Orders included in this report:

M106013



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Bristol Environmental & Engineering
2000 W International Airport C#1
Anchorage, AK 99502-1116

Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
06/08/01 16:06

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
01AMA504SL	M106013-01	Soil	06/06/01 15:05	06/06/01 18:04
01AMA505SL	M106013-02	Soil	06/06/01 15:10	06/06/01 18:04
01AMA506SL	M106013-03	Soil	06/06/01 15:20	06/06/01 18:04

COC # 57

North Creek Analytical - Mobile Lab

Stephen Wilson, Environmental Group Leader

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

North Creek Analytical, Inc.
Environmental Laboratory Network

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Project: Amchitka
Project Number: 21090
Project Manager: Anne Kranawetter

Reported:
06/08/01 16:06

Hydrocarbon Identification per NW-TPH Methodology North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Dilution	Method	Prepared	Analyzed	Batch	Notes
01AMA504SL (M106013-01) Soil					Sampled: 06/06/01 Received: 06/06/01				
Gasoline Range Hydrocarbons	ND	8.98	mg/kg	1	NWTPH HCID	06/07/01	06/07/01	0106022	
Diesel Range Hydrocarbons	91.6	22.5	"	"	"	"	"	"	D-09
Heavy Oil Range Hydrocarbons	317	44.9	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>111 %</i>	<i>50-150</i>							
01AMA505SL (M106013-02) Soil					Sampled: 06/06/01 Received: 06/06/01				
Gasoline Range Hydrocarbons	ND	9.35	mg/kg	1	NWTPH HCID	06/07/01	06/07/01	0106022	
Diesel Range Hydrocarbons	ND	23.4	"	"	"	"	"	"	
Heavy Oil Range Hydrocarbons	ND	46.7	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>117 %</i>	<i>50-150</i>							
01AMA506SL (M106013-03) Soil					Sampled: 06/06/01 Received: 06/06/01				
Gasoline Range Hydrocarbons	ND	9.19	mg/kg	1	NWTPH HCID	06/07/01	06/07/01	0106022	
Diesel Range Hydrocarbons	86.1	23.0	"	"	"	"	"	"	D-16
Heavy Oil Range Hydrocarbons	ND	46.0	"	"	"	"	"	"	
<i>Surr: 1-Chlorooctadecane</i>	<i>113 %</i>	<i>50-150</i>							

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Project Number: 21090
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Reported:
06/08/01 16:06

Hydrocarbon Identification per NW-TPH Methodology - Quality Control

North Creek Analytical - Mobile Lab

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 0106022 - TPH-HCID (WA)

Blank (0106022-BLK1)

Prepared & Analyzed: 06/07/01

Gasoline Range Hydrocarbons	ND	10.0	mg/kg
Diesel Range Hydrocarbons	ND	25.0	"
Heavy Oil Range Hydrocarbons	ND	50.0	"

<i>Surr: 1-Chlorooctadecane</i>	<i>11.6</i>		<i>"</i>	<i>10.0</i>	<i>116</i>	<i>50-150</i>
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06/08/01 16:06

Notes and Definitions

D-09 Detected hydrocarbons in the diesel range appear to be due to overlap of heavy/oil range hydrocarbons.

D-16 Detected hydrocarbons in the diesel do not have a distinct diesel pattern and may be due to heavily weathered diesel.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis. MRLs are adjusted if %Solids are less than 50%.

wet Sample results reported on a wet weight basis (as received)

RPD Relative Percent Difference

North Creek Analytical - Mobile Lab

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Environmental Laboratory Network

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Items for Project Manager Review

LabNumber	Analysis	Analyte	Exception
			Report recreated from: \\sisters\elmnt\Report\M106013 FINAL 06 08 01 1606.mdb Default Report (not modified)
M106013-01	NW-HCID mod	Diesel Range Hydrocarbons	D-09
M106013-03	NW-HCID mod	Diesel Range Hydrocarbons	D-16